

BASE FABRIC FOR AIR BAG

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Inventor: MIZUKI TATSURO; others: 02
Applicant: TORAY IND INC
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Abstract of JP7252740

PURPOSE: To obtain a base fabric for non-coat air bag, excellent in light weightness, mechanical properties, flexibility and accommodability, having a low gas permeability and capable of reducing impact energy on the occasion of shock.

CONSTITUTION: Thus base fabric for non-coat air bag, having $\leq 1.2 \text{ cm}^3/\text{sec/cm}$ air-permeability under pressure drop of 1.27cm is produced by weaving a plain weave fabric from weft yarns and warp yarns respectively composed of non-sized polyester modified cross-section multi-filaments having 180 to 450D total fineness, 0.1 to 7.0d single yarn fineness, 1.5 to 6.0 flatness of cross-section of single yarn, $\geq 7.5 \text{ g/d}$ strength and 12.0% elongation, then scouring the woven fabric and applying a heat setting and a calender treatment thereto as necessary.